

**REMARKS**

Entry of this Amendment, and reconsideration and allowance of this application, as amended, is respectfully requested.

This Amendment is in response to the Final Office Action dated August 5, 2004. Appreciation is expressed to the Examiner for the allowance of claim 63 and the indication of allowable subject matter in claims 8 and 36.

By the present Amendment, claim 8 has been rewritten into independent form to incorporate the subject matter of its parent claim 64, thereby placing it in condition for allowance in light of the indication of allowable subject matter in the Office Action. In a similar manner, claim 32 has been amended to incorporate the subject matter of claim 36, indicated as containing allowable subject matter. As such, dependent claims 33-35, 37 and 38, all dependent on claim 32 (which now includes the subject matter of claim 36) should now be in condition for allowance. In addition, claims 2-6 and 10 have all been amended to depend on allowed claim 63. Therefore, allowance of these claims 2-6 and 10, together with claim 63, is respectfully requested.

In addition to the above amendments, independent claim 65 has been amended to incorporate a new last paragraph which corresponds substantially to the subject matter of claim 8, indicated as allowable in the Office Action. The newly added language to claim 68 differs slightly from the language of allowable claim 8 in that the final phrase of the claim defines that the supply clock pulses to the first and second latch "is halted when said specified bit is the first status," as compared with claim 8 where the supply is defined as being halted "when said first instruction is input to said instruction decoder." It is respectfully submitted that this newly added

language to claim 65 clearly distinguishes over the cited prior art for substantially the same reasons as is the case with claim 8. In particular, the newly added language particularly defines the second processor calculating the data stored in the first latch and outputs the calculated results to the second latch, with the supply of the clock pulses to the first and second latch being halted under the specified condition. Therefore, entry of this Amendment, and allowance of claim 65, together with its dependent claims, is respectfully requested.

Entry of this Amendment is respectfully requested, notwithstanding the finality of the Office Action. In accordance with the provisions of 37 CFR § 1.116, entry of an Amendment is appropriate, even after final rejection, for purposes of adopting suggestions made by the Examiner. In the present instance, the rewriting of claim 8 into independent form and the amending of independent claim 32 to incorporate the subject matter of claim 36, indicated as allowable, amounts to adopting the Examiner's suggestions for placing these claims in condition for allowance. Similarly, the amending of claims 2-6 and 10 to depend on an allowed claim also follows the Examiner's suggestion of allowable subject matter. In addition, although the phraseology is slightly change, the amending of claim 35 essentially incorporates the same limitations as claim 8, indicated as being allowable. Therefore, it is respectfully submitted that the entry of this amendment to claim 65 is also appropriate under the provisions of 37 CFR § 1.116 for placing the application in condition for allowance, and, accordingly, entry of the present Amendment is respectfully requested.

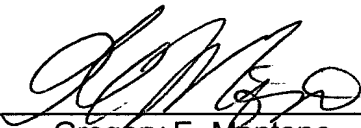
If the Examiner believes that there are any other points which may be clarified or otherwise disposed of either by telephone discussion or by personal interview, the

Examiner is invited to contact Applicants' undersigned attorney at the number indicated below.

To the extent necessary, Applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to the Antonelli, Terry, Stout & Kraus, LLP Deposit Account No. 01-2135 (Docket No. 501.38642X00), and please credit any excess fees to such Deposit Account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

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GEM/dlt

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